INFOCUS LP®840/LP®850 INSTALLATION & INTEGRATION PROJECTOR

A UNIQUE, HIGH-PERFORMANCE INSTALLATION PROJECTOR

Experience the brilliant power of the InFocus LP840 and LP850 family of projectors designed to integrate into any room—across your entire enterprise—with powerful options, presentation flexibility, innovative ease-of-use and a price you can't resist. Unsurpassed flexibility and a revolutionary feature package means perfect projection in any environment—when it counts the most.

EASE, INCORPORATED

Imagine. A projector that makes your work easier. InFocus ProjectAbility™ makes InFocus projectors so intuitive, users are up and running all by themselves in no time.

LiteShow®
wireless

ProjectorNet™
networking
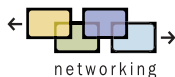
InFocus®

THE POWER...

—...OF PERFECT PROJECTION

Illuminate large training rooms, conference centers, classrooms, and houses of worship with stellar brightness and image quality. Four optional user-replaceable bayonet lenses can be changed without hassle in just three easy steps. Native XGA resolution, 750:1 contrast ratio, and 3500 lumens (LP840) or 4500 lumens (LP850) combine for images that are powerful and captivating.

—...TO CONNECT

Experience seamless compatibility with connectivity that supports three separate PC and three separate video sources. Control your projector via RS-232 or TCP/IP interfaces. Connect analog and digital sources with support for HDTV and computer sources up to UXGA resolution. BNC connectors make for secure, professional installations.

—...TO UPGRADE

The LP840 and LP850 are solutions-enabled—offering seamless integration with network and wireless applications so you can upgrade with ease. Add them to your network right out of the box with ProjectorNet™ by InFocus®, and manage all your projector assets from a single PC. Both projectors are also compatible with the InFocus LiteShow® wireless solution, the first cable-free digital projection solution of its kind. Just pure performance and wireless collaboration.

THE POWER OF TOTAL CONFIDENCE

With an array of options and control features, the LP840 and LP850 family of projectors give you exactly what you need.

Four optional user-replaceable bayonet lenses - just push, twist, and replace.

Seamless integration with network and wireless applications.

Simple maintenance.

Illuminate and captivate your audience.

— UNIQUE OPTIONS

Four optional user-replaceable bayonet lenses offer versatility in most any venue and can be changed in just three easy steps. Just push, twist, and replace. It's that easy.

The lamp can be replaced even while the unit is mounted allowing for simple maintenance. Power zoom, focus and lens shift, plus horizontal and vertical keystone correction provide the highest level of professional installation performance and control. Plus, compatibility with multiple video and data sources ensures smooth set up and trouble-free presentations for users, resulting in a minimum of service calls for IT and other support staff.

— EASE WITHOUT SACRIFICE

Wireless and network capabilities offer ultimate control options. Combining features and design that benefit the installer, IT manager, and presenter, the LP840 or LP850 is a solid choice that you can stake your reputation on.

InFocus® ProjectorNet™ is a client/server based networking solution designed to allow IT and facilities personnel to manage multiple projectors from a single PC. ProjectorNet gives corporations, universities and other organizations the power to manage projectors just as they would other shared computing and communication assets such as PCs and printers.

InFocus® LiteShow® delivers high-resolution, true-color clarity with fast image updates and smooth, jitter-free images. It's built on industry standard Wi-Fi (802.11b) technology and is compatible with both PC and Mac operating systems. LiteShow is simple to use, requiring zero network configuration and no cumbersome system set-up. No more plugging and unplugging between presenters, delivering unprecedented flexibility for wireless collaboration.
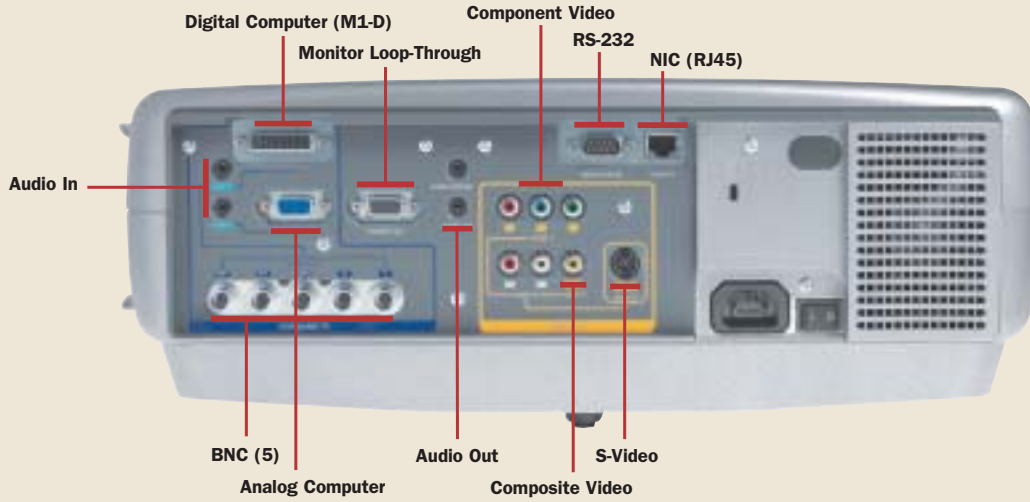
— INNOVATION FOR PERFORMANCE

User-focused innovations—based on years of research—enable intuitive use. Features designed for both IT and end-users allow for trouble-free projector management. ProjectAbility, an InFocus Corporation product design philosophy, eliminates the typical projector learning curve. Color-coded I/O connectors let users connect in seconds. The keypad allows the most common functions to be accessed with just one touch, while the intuitive menu system lets users simply scroll-and-select. This approach to design for ease without sacrificing function not only reduces support calls, but results in much less presentation "down time."

— COMPLETE CONTROL

Users gain complete control of the projector from their laptops with InFocus ProjectorManager,™ a free application that turns any PC into an advanced projector remote control. Adjust settings, switch sources, even access power management controls and presentation collaboration tools.

Digital Computer (M1-D)
Monitor Loop-Through
Component Video
RS-232
NIC (RJ45)
Audio In
BNC (5)
Audio Out
S-Video
Analog Computer
Composite Video

PROJECTION DISTANCES   Short Fixed   Throw Ratio Range 0.8:1

			Image Size		
	Distance		Diagonal Image	Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	3	0.9	4.69	1.43	3.75	1.14
	5	1.5	7.81	2.38	6.25	1.91
	10	3.0	15.63	4.76	12.50	3.81
MAX DISTANCE	12	3.7	18.75	5.72	15.00	4.57

PROJECTION DISTANCES   Standard   Throw Ratio Range 1.5 –2.2:1

			Minimum Image				Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	3	0.9	1.70	0.52	1.36	0.42	2.50	0.76	2.00	0.61
	5	1.5	2.84	0.87	2.27	0.69	4.17	1.27	3.33	1.02
	10	3.0	5.68	1.73	4.55	1.39	8.33	2.54	6.67	2.03
	20	6.1	11.36	3.46	9.09	2.77	16.67	5.08	13.33	4.06
	30	9.1	17.05	5.20	13.64	4.16	25.00	7.62	20.00	6.10
	40	12.2	22.73	6.93	18.18	5.54	33.33	10.16	26.67	8.13
MAX DISTANCE	45.5	13.9	25.85	7.88	20.68	6.30	37.92	11.56	30.33	9.25

PROJECTION DISTANCES   Short Zoom   Throw Ratio Range 1.1 – 1.5:1

			Minimum Image				Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	2	0.6	1.67	0.51	1.33	0.41	2.27	0.69	1.82	0.55
	5	1.5	4.17	1.27	3.33	1.02	5.68	1.73	4.55	1.39
	10	3.0	8.33	2.54	6.67	2.03	11.36	3.46	9.09	2.77
	20	6.1	16.67	5.08	13.33	4.06	22.73	6.93	18.18	5.54
	25	7.6	20.83	6.35	16.67	5.08	28.41	8.66	22.73	6.93
MAX DISTANCE	30.5	9.3	25.42	7.75	20.33	6.20	34.66	10.56	27.73	8.45

PROJECTION DISTANCES   Long Zoom   Throw Ratio Range 2.2 – 4.2:1

			Minimum Image				Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	4.2	1.3	1.28	0.39	1.02	0.31	2.39	0.73	1.91	0.58
	10	3.0	3.05	0.93	2.44	0.74	5.68	1.73	4.55	1.39
	20	6.1	6.10	1.86	4.88	1.49	11.36	3.46	9.09	2.77
	30	9.1	9.15	2.79	7.32	2.23	17.05	5.20	13.64	4.16
	40	12.2	12.20	3.72	9.76	2.97	22.73	6.93	18.18	5.54
	60	18.3	18.29	5.58	14.63	4.46	34.09	10.39	27.27	8.31
MAX DISTANCE	83.2	25.4	25.37	7.73	20.29	6.19	47.27	14.41	37.82	11.53

PROJECTION DISTANCES   Ultra Long Zoom   Throw Ratio Range 3.9 – 7.3:1

			Minimum Image				Maximum Image			
	Distance		Diagonal Image		Image Width		Diagonal Image		Image Width	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
MIN DISTANCE	7.5	2.3	1.28	0.39	1.03	0.31	2.40	0.73	1.92	0.59
	25	7.6	4.28	1.30	3.42	1.04	8.01	2.44	6.41	1.95
	50	15.2	8.56	2.61	6.85	2.09	16.03	4.88	12.82	3.91
	75	22.9	12.84	3.91	10.27	3.13	24.04	7.33	19.23	5.86
	100	30.5	17.12	5.22	13.70	4.18	32.05	9.77	25.64	7.82
	125	38.1	21.40	6.52	17.12	5.22	40.06	12.21	32.05	9.77
MAX DISTANCE	146.5	44.7	25.09	7.65	20.07	6.12	46.96	14.31	37.56	11.45

320
419
150
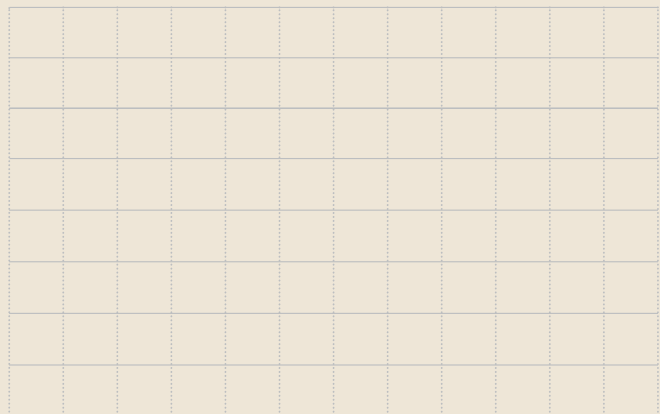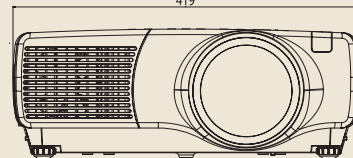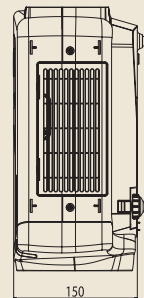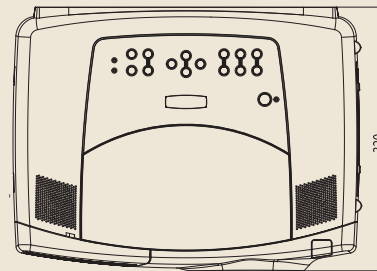
THE INFOCUS COMMITMENT

Experience for yourself why InFocus Corporation is the worldwide leader in digital projection. Our dedication to quality and customer satisfaction is reflected in service options that will bring you a greater return on your investment. InFocus projectors come with a standard 2-year limited factory warranty, including parts and labor, and a 90-day lamp replacement warranty. Our customer support offers you premium service and convenience, whatever your needs.

For service program details in your region, please visit **www.infocus.com/service/service_offerings**

OPTIONAL ACCESSORIES

CA-ATA-018	ATA Case, LP840/LP850
SP-LAMP-015	Lamp, LP840
SP-LAMP-016	Lamp, LP850
SP-CEIL-010	Ceiling Mount, LP840/LP850
SP-LTMT-PLT	Ceiling Plate, Litemount
SP-LTMT-EXTP	LM+extension Arm 26-47"
SP-VGAEXT50-D	VGA 50ft/15 m Cable/Line Amp Extension Solution-Domestic
SP-VGAEXT50-I	VGA 50ft/15 m Cable/Line Amp Extension Solution-International
SP-AV30	Audio/Video Cable
HW-DLXSCRN	Deluxe Instra-theatre Screen, 60"/152 cm
HW-WALLSCR84	Manual Wall/ceiling 84"/213 cm Screen
HW-RF-POCKTPNT	Mind Path™ Pocketpoint RF Remote (Americas Only)
HW-PRESENTER	Presentation Remote
HW-CONDUCTOR+	Conductor+ Remote

OPTIONAL LENSES

LENS-022	Short-throw Fixed, FL-501 [0.8:1]
LENS-023	Short-throw Zoom, SL-502 [1.1-1.5:1]
LENS-024	Long-throw Zoom, LL-503 [2.2-4.1:1]
LENS-025	Ultra Long-throw Zoom, LL-504 [3.9-7.3:1]

Ships Standard With
- **User Manual, Quick start guide and CD**
- **AV cable (3 x RCA)**
- **RGB cable**
- **Power cord**
- **M1 cable**
- **Remote control (batteries included)**

THE FAMILY OF PERFORMANCE

Introducing the new InFocus family of performance projectors — the LP850, LP840, and the LP820.

Unique
High Performance
Innovative
Flexible
Affordable
=
Perfect Projection

TECHNICAL SPECIFICATIONS

Native Resolution	• XGA 1024 x 768
Display Technology	• 0.99" polysilicon TFT with micro lens array
Input Sources	• Computer Sources: Computer 1 (M1-D), Computer 2 (DSUB-15), Computer 3 (Component via BNC) • Audio Inputs (Computer): Mini-jack x 2 • Video Sources: Video 1 (Component RCA), Video 2 (S-Video), Video 3 (Composite RCA) • Audio Inputs (Video): Stereo RCA jack (shared)
Output Sources (standard)	• Audio mini-jack, monitor loop through, wired remote
Computer Compatibility	• VGA – UXGA
Video Compatibility	• NTSC, NTSC 4.43, PAL, PAL-M,N, PAL60 SDTV: 525i (480i), 625i (575i) HDTV: 750p (720p @ 60Hz), 1125i (1080i @50/60Hz, 1035i @ 60Hz) EDTV: 525p (480p)
Brightness	• LP840: 3500 max ANSI lumens (standard mode); 2800 max ANSI lumens (whisper mode) • LP850: 4500 max ANSI lumens (standard mode); 3600 max ANSI lumens (whisper mode)
Brightness Uniformity	• 85%
Contrast Ratio	• 750:1 Full on/Full off
Number of Colors	• 16.7 million
H-Synch Range	• 15 – 91 kHz
V-Synch Range	• 50 – 120 Hz
Dot Clock	• 160 MHz
Lens Shift	• 10:0 – 1:1 motorized vertical lens shift
Digital Keystone Correction	• Horizontal: up to +/-15˚ Vertical: up to +/-15˚ • Conditions: 1024 x 768 @ 60Hz Lens shift: 10:0 Lens: Standard lens
Projection Lens (standard)	• Zoom Ratio: 1.5:1 • Throw Ratio: 1.5 – 2.2:1 (D:W) • Minimum Projection Distance: 3'/0.9 m • Maximum Projection Distance: 45.5'/13.9 m • Image offset ratio (%): On axis to 100% offset
Optional Fixed Short Throw Lens	• Zoom Ratio: N/A • Throw Ratio: 0.8:1 (D:W) • Minimum Projection Distance: 3'/0.9 m • Maximum Projection Distance: 12'/3.7 m • Image offset ratio (%): On axis
Optional Short Throw Zoom Lens	• Zoom Ratio: 1.3:1 • Throw Ratio: 1.1 – 1.5:1 (D:W) • Minimum Projection Distance: 2'/0.6 m • Maximum Projection Distance: 30.5'/9.3 m • Image offset ratio (%): On axis to 100% offset
Optional Long Throw Zoom Lens	• Zoom Ratio: 1.7:1 • Throw Ratio: 2.2 – 4.1:1 (D:W) • Minimum Projection Distance: 4.2'/1.3 m • Maximum Projection Distance: 83.2'/25.4 m • Image offset ratio (%): On axis to 100% offset
Optional Ultra Long Throw Zoom Lens	• Zoom Ratio: 1.8:1 • Throw Ratio: 3.9 – 7.3:1 (D:W) • Minimum Projection Distance: 7.5'/2.3 m • Maximum Projection Distance: 146.5'/44.7 m • Image offset ratio (%): On axis to 100% offset
Aspect Ratio	• 4:3 native (supports 5:4, 16:9)
Image size (diagonal)	• 30" – 300"/76.2 cm – 762.0 cm
Projection Methods	• Front, rear and ceiling
Audio	• 2x1-watt stereo
Mouse Control	• USB via M1
Projector Control	• RS-232 (9-pin DSUB), ProjectorNet™ (RJ45)
Lamp	• LP840: 275W UHB/2000 hours* • LP850: 320W UHB/1500 hours* (preliminary)
Dimensions (standard)	• 16.8" (W) x 12.4 " (L) x 6.4" (H); 42.7 cm (W) x 31.5 cm (L) x 16.3 cm (H)
Weight (standard)	• 17 lbs/7.7 kg
Power Supply	• 100 – 240V at 50 – 60 Hz; auto switching
Operating Temperature	• 10˚ – 35˚ C at sea level (0' –10,000'); 50˚ – 95˚ F
Power Consumption	• 430 watts
Menu Languages	• English, Spanish, French, German, Japanese, Korean, Portuguese, Italian, Norwegian, Russian, Simplified Chinese, Traditional Chinese
Audible Noise	• 40dB (standard mode); 36dB (whisper mode)
Approvals	• FCC A, UL/cUL, CE, TUV
Lamp Warranty	• 90-days or 500 hours, whichever comes first
Product Warranty	• 2 years parts and labor
Accessory Warranty	• 1 year

*Actual lamp life may vary based on the ambient environment. Conditions that may affect lamp life include temperature, altitude, rapidly switching the projector on and off, and switching between standard and low power modes.

Contact InFocus or your dealer today.

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